

REMARKS

Re-examination and allowance of the present application is respectfully requested.

Initially, Applicants thank the Examiner for indicating that the filed drawings are acceptable, for acknowledging Applicants' claim for foreign priority, and for indicating that the certified copy of the priority document has been received. In this regard, Applicants note that the present application is a U.S. National Stage application of a filed PCT application. Thus, Applicants believe that the Examiner intended to indicate that the certified copy of the priority document was received from the International Bureau, and requests confirmation of this in the next official communication.

Applicants thank the Examiner for considering the various documents cited in the Information Disclosure Statements filed on January 9, 2007; May 29, 2007; July 1, 2009; and July 2, 2010. However, the Examiner failed to consider a Texas Instruments article submitted with the January 9, 2007 Information Disclosure Statement, asserting that a legible copy of the document with the date of the document was not provided.

Applicants respectfully traverse this non-consideration of the Texas Instruments document. Applicants submit that a legible copy of the document was filed with the January 9, 2007 Information Disclosure Statement, and that a review of the upper left-hand portion of the document includes the notation "July 2002 - Revised July 2006". Accordingly, Applicants submit that they have complied with all the requirements to ensure consideration of a submitted document, and respectfully request an indication of consideration of the Texas Instruments document in the next official communication. For the convenience of the Examiner, Applicants list this document on a PTO-1449 Form filed with this response. The Examiner is requested to complete this form and return it

with the next official communication to confirm consideration of the document.

Applicants submit that no fee is required to be paid to ensure consideration of this document, as it was previously cited (and supplied) in a previously filed Information Disclosure Statement.

The Abstract of the application is objected to on the ground that it includes the term “comprises”. By the current response, Applicants amend the Abstract, paying particular attention to the concern raised by the Examiner. In view of the present amendment to the Abstract, Applicants submit that the ground for the objection to the Abstract no longer exists, and respectfully requests withdrawal of this objection in the next official communication.

By the current response, Applicants amend the Abstract, amend the claims, cancel claim 2, and submit new claims 24 and 25 for the Examiner’s consideration. Claims 1 and 24 are independent claims. Claims 3-23 depend from claim 1. Claim 25 depends from independent claim 24.

Claims 1-23 stand rejected under 35 U.S.C. §112, second paragraph, as being indefinite. By the current response, Applicants amend the claims, paying particular attention to the concerns raised by the Examiner. As a result, Applicants submit that the grounds for the 35 U.S.C. §112, second paragraph rejection no longer exists, and respectfully requests that this ground of rejection be withdrawn.

Claim 11 stands objected to on the ground that it includes abbreviations therein. By the current amendment, Applicants spell out the abbreviations contained in the claim, and thus, request withdrawal of the objection to claim 11.

Claims 1-5, 9, 11, 12, 14 and 18-21 stand rejected under 35 U.S.C. §102(e) as

being anticipated by U.S. Patent 7,321,368 to OWEN et al. Dependent claims 13 and 15-17 stand rejected under 35 U.S.C. §103(a) as being obvious over OWEN et al. Dependent claims 6-8 stand rejected under 35 U.S.C. §103(a) as being unpatentable over OWEN et al. in view of U.S. Patent Application Publication No. 2005/0235134 to O'SULLIVAN. Dependent claim 10 stands rejected under 35 U.S.C. §103(a) as being obvious over OWNE et al. in view of U.S. Patent Application Publication No. 2004/0079952 to YAMAZAKI. Dependent claims 22 and 23 stand rejected under 35 U.S.C. §103(a) as being unpatentable over OWEN et al. in view of U.S. Patent Application Publication No. 2005/0053028 to SMITH. Applicants respectfully traverse each of these rejections, submitting that the claimed invention is neither anticipated or rendered obvious by the various applied art of record, either individually or in the combinations set forth in the Office Action.

According to a non-limiting embodiment of the claimed invention, an integrated circuit 1 for video/audio processing includes a memory interface 6 that is connected to a microprocessor 2, a stream input/output 4, a media processor 3 and an AV input/output 5 via respective dedicated data buses 8a – 8d. See, for example, page 15 and Fig. 1 of Applicants' filed application.

Applicants submit that at least this feature is lacking from the applied art of record. Specifically, Applicants submit that the applied art fails to disclose that an integrated circuit 1 for video/audio processing includes plural dedicated buses, in which each bus of the plural dedicated buses is dedicated to a respective one of the microprocessor 2, the stream input/output 4, the media processor 3 or the AV input/output 5.

The Examiner indicated in the present Office Action that OWEN et al. discloses the use of a dedicated data bus 167. See page 5, line 10-13 of the Detailed Action portion of the Office Action. Applicants submit that OWEN et al. fails to disclose or even suggest the use of plural dedicated data buses. Using Applicants non-limiting embodiment described at page 15 of Applicants' specification, it is submitted that OWEN et al. fails to disclose (or even suggest) that one dedicated data bus associates the memory interface with the microprocessor, another dedicated data bus associates the memory interface with the stream input/output, a further dedicated data bus associates the memory interface with the media processor, and a still further dedicated data bus associates the memory interface to the AV input/output.

By the current response, Applicants amend claim 1 to clarify the above feature. As it has been shown that OWEN et al. fails to at least disclose this feature, Applicants submit that OWEN et al. fails to disclose each and every element recited in Applicants' pending claim 1, and thus, fails to anticipate the presently claimed invention. Accordingly, Applicants submit that the ground for the 35 U.S.C. §102(e) rejection of claims 1-5, 9, 11, 12, 14 and 18-21 no longer exists, and respectfully requests that it be withdrawn.

Applicants submit that the various other documents applied in the Office Action fail to disclose that which is lacking in OWEN et al.; namely, the use of plural dedicated data buses. Thus, Applicants submit that even if one attempted to combine the various teachings in the manners suggested in the Office Action, one would fail to arrive at the presently claimed invention, as such combinations would not result in the inclusion of plural dedicated data buses from a memory interface to various other elements of an

integrated circuit for video/audio processing. Accordingly, Applicants submit that the presently claimed invention is not obvious over the applied prior art combinations, and respectfully requests withdrawal of the various 35 U.S.C. §103(a) rejections.

Applicants submit new claims 24 and 25 for the Examiner's consideration.

Applicants submit that these claims are allowable over the applied art of record at least because the claims recite that each dedicated data bus of plural data buses are associated with one of a microcomputer, a stream input/output, a media processor and an AV input/output. The Examiner is respectfully requested to indicate the allowability of newly submitted claims 24 and 25.

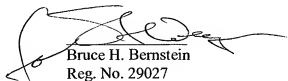
SUMMARY AND CONCLUSION

In view of the fact that none of the art of record, whether considered alone or in combination, discloses or suggests the present invention as now defined by the pending claims, and in further view of the above amendments and remarks, reconsideration of the Examiner's action and allowance of the present application are respectfully requested and are believed to be appropriate.

Should the Commissioner determine that an extension of time is required in order to render this response timely and/or complete, a formal request for an extension of time, under 37 C.F.R. §1.136(a), is herewith made in an amount equal to the time period required to render this response timely and/or complete. The Commissioner is authorized to charge any required extension of time fee under 37 C.F.R. §1.17 to Deposit Account No. 19-0089.

If there should be any questions concerning this application, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully Submitted,
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Enclosed: PTO-1449 Form